

Form PTO-1449

MODIFIER

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INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANT

Xue et al.

FILING DATE

12/31/03

GROUP ART UNIT

To be Determined

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

A1	Cardiac catheterization system, Cardiac Cath Lab Systems, RMC-3100, RMC-3200, printed from website www.nihonkohden.com on 12/18/2003, (2 pgs.).
A2	DASH PRO, Variable-Acuity Monitoring, GE Medical Systems Information Technologies, 02-7446A, March 2002, (8 pgs.).
A3	GE Announces Alliance with Biosense Webster to Give Clinicians Access to Patients' Complete Heart Rhythm Data at a Single Workstation, GE Medical Systems - Company News-News Releases, dated May 15, 2003, (2 pgs.).
A4	Invasive - CardioLink Networking - Boosts your productivity, GE Medical Systems, Europe, Middle East & Africa, printed from website www.gemedicalsystemseurope.com/euen/cardiology/invasive/electro_lab... on 1/27/2004, (2 pgs.).
A5	Navigation and Visualization, InstaTrak™ - Cranial Multi-application electromagnetic surgical navigation system for ENT, Cranial and Spine procedures, GE Medical Systems, printed from website www.gemedicalsystemseurope.com/euen/rad/nav/instatrak_cranial_hq on 1/27/2004, (2 pgs.).
A6	Invasive, Increase Efficiency in the Cardiac Cath Lab, GE Medical Systems, printed from website www.gemedicalsystems.com/cardiology/invasive/cardiac_cath_lab/comb on 1/12/2004, (1 pg.).
A7	Invasive - CardioLab - 5.1, Bringing added functionality to the world class CardioLab EP System, GE Medical Systems, printed from website www.gemedicalsystems.com/cardiology/invasive/electro_lab... on 1/12/2004, (2 pgs.).
A8	Computed Tomography, Advanced Clinical Applications, GE Medical Systems, printed from website www.gemedicalsystems.com/rad/ct/applications/msctappl.html on 1/28/2004, (2 pgs.).

EXAMINER

DATE CONSIDERED

- EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next communication to applicant.

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A9	Computed Tomography, <i>Advanced CT Applications – Navigator</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/ct/applications/navigator.html on 1/28/2004, (1 pg.).		
A10	Computed Tomography, <i>Advanced CT Applications – Direct3D</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/ct/applications/direct3d.html on 1/28/2004, (1 pg.).		
A11	Computed Tomography, <i>Advanced CT Applications – Volume Rendering</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/ct/applications/vr.html on 1/28/2004, (2 pgs.).		
A10	Computed Tomography, <i>Advanced CT Applications – Advantage Sim</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/ct/applications/sim_benefits.html on 1/28/2004, (1 pg.).		
A13	Computed Tomography, <i>Advanced CT Applications – Advantage Sim (Simulation Tools)</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/ct/applications/sim_sim.html on 1/28/2004, (1 pg.).		
A14	Computed Tomography, <i>Advanced CT Applications – Advantage Sim (Advanced CT Simulation)</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/ct/applications/sim.html on 1/28/2004, (2 pgs.).		
A10	Computed Tomography, <i>GE Medical Systems is proud to offer Mindways QCT PRO 3D Volumetric Spine & Hip BMD – B7501MW – Accurate & Reproducible</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/ct/applications/bmd/index.html on 1/28/2004, (1 pg.).		
A16	Computed Tomography, <i>Snapshot cardiac imaging provides the most flexible and widest range of clinical acquisition and reconstruction options available today. Snapshot enables cardiac imaging over a wide range of patients (from 40 to 110 bpm)</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/ct/applications/snapshot/index.html on 1/28/2004, (1 pg.).		
A17	Computed Tomography, <i>SmartScore – Coronary Artery Calcification Scoring</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/ct/applications/smart_score/index.html on 1/28/2004, (2 pgs.).		
A18	SmartScore, <i>Coronary Artery Calcification Scoring</i> , GE Medical Systems, copyright date: 2000, (6 pgs.).		
A19	Computed Tomography, <i>CardIQ Function – Cardiac Functional Analysis</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/ct/applications/cardiq_func/index.html on 1/28/2004, (2 pgs.).		
A20	Computed Tomography, <i>CardIQ Analysis – CV Image Post-Processing & Analysis</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/ct/applications/cardiq/index.html on 1/28/2004, (2 pgs.).		
A21	Computed Tomography, <i>Advanced Vessel Analysis</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/ct/applications/ava/ct_ava_home.html on 1/28/2004, (2 pgs.).		
A22	Advanced Vessel Analysis – <i>Image Analysis Software</i> , GE Medical Systems, copyright date: 2000, (4 pgs.).		
A23	B77OOS <i>Advanced Vessel Analysis</i> , –GE Medical Systems, date undetermined, (2 pgs.).		
A24	Advanced Vessel Analysis, <i>Clinical Case Study, Application in Pre-stent Graft Evaluation and Post-stent Graft Imaging</i> , GE Medical Systems, copyright date: 2000, (8 pgs.).		

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A25	Advantage Workstation – <i>Multi-Modality Software Applications</i> ; GE Medical Systems, printed from website www.gemedicalsystems.com/rad/aw/aw_multisoft.html on 1/28/2004, (3 pgs.).		
A26	Advantage Workstation – <i>CT Software Applications</i> ; GE Medical Systems, printed from website www.gemedicalsystems.com/rad/aw/aw_ctsoft.html on 1/28/2004, (4 pgs.).		
A27	Advantage Workstation – <i>MR Software Applications</i> ; GE Medical Systems, printed from website www.gemedicalsystems.com/rad/aw/aw_mrsoft.html on 1/28/2004, (2 pgs.).		
A28	Advantage Workstation – <i>Vascular Software Applications</i> ; GE Medical Systems, printed from website www.gemedicalsystems.com/rad/aw/aw_vascsoft.html on 1/28/2004, (2 pgs.).		
A29	Functional Imaging – <i>POWERstation™ General Software</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/nm_pet/clinical_img/general.html on 1/28/2004, (1 pg.).		
A30	Functional Imaging – <i>QuickSPECT™ Reconstruction</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/nm_pet/products/vision/qspectrecon.h... on 1/28/2004, (2 pgs.).		
A31	Functional Imaging – <i>QuickSPECT™ ReadMaster Display</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/nm_pet/products/vision/qspectdisplay... on 1/28/2004, (2 pgs.).		
A32	Functional Imaging – <i>VCR™</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/nm_pet/products/vision/vcrecon.html on 1/28/2004, (2 pgs.).		
A33	Functional Imaging – <i>3D Rendering</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/nm_pet/products/vision/3d.html on 1/28/2004, (2 pgs.).		
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A36	Functional Imaging – <i>SPECT Triangulating Display</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/nm_pet/products/vision/spect1.html on 1/28/2004, (2 pgs.).		
A37	Functional Imaging – <i>Color Scales</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/nm_pet/products/vision/color.html on 1/28/2004, (2 pgs.).		
A38	Functional Imaging – <i>Image Processing</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/nm_pet/clinical_img/image_processing on 1/28/2004, (2 pgs.).		
A39	<i>Prucka CardioLab/Mac-Lab 7000 CardioLink Operator's Manual</i> , GE Medical Systems, Revision C, marked as July 2, 2001, (24 pgs.).		

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A40	Realtime Position Management™, Integrating Advanced Mapping, Navigation and EP Recording, Boston Scientific, copyright date: 2003, Boston Scientific Corporation, (3 pgs.).		
A44	Advanced Mapping, Boston Scientific, printed from website www.bostonscientific.com/common_templates/procedureOverview.ihtml on 1/9/2004, (2 pgs.).		
A42	Diagnostic EP Study, Boston Scientific, printed from website www.bostonscientific.com/common_templates/procedureOverview.ihtml on 1/9/2004, (2 pgs.).		
A43	Pericardiocentesis, Boston Scientific, printed from website www.bostonscientific.com/common_templates/procedureOverview.ihtml on 1/9/2004, (1 pg.).		
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A49	RPM Realtime Position Management™ System, Boston Scientific, printed from website www.bostonscientific.com/med_specialty/deviceDetail.ihtml?task=taskB... on 1/12/2004, (2 pgs.).		
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A42	How to Get There From Here, PruKa CardiLab 7000, Advanced Electrophysiology Diagnostic System, GE Medical Systems, copyright date: 2000, (2 pgs.).		
A42	Jasbir Sra, Joy Thomas, New Techniques for Mapping Cardiac Arrhythmias, Indian Heart Journal, July-August 2001, printed from website www.indianheartjournal.org/JulyAugust2001/NewTechniquesforMapping/... on 1/19/2004, (30 pgs.).		
A49	EP MedSystems Submits 510-K- Filing for Integration of Catheter Navigation Technology into EP-Workmate Platform, West Berlin, N.J. - (BUSINESS WIRE), July 24, 2003, printed from website www.businesswire.com/webbox/bw.072403/232055085.htm on 1/19/2004, (1 pg.).		
A50	Anoop K. Gupta, Alok Maheshwari, Ranjan K. Thakur, Yash Y. Lokhandwala, Catheter Ablation of Atrial Tachycardia Using a Real-Time Position Management Mapping System, Indian Heart Journal, Jan.-Feb. 2003, printed from website www.indianheartjournal.org/Jan-Feb2003/Catheter%20Ablation%20of%... on 1/19/2004, (4 pgs.).		
A51	Products / EPWorkMate® - The Completely Integrated EP WorkStation, EPMedSystems, copyright date: 2001, printed from website www.epmedsystems.com/products/epwm/index.htm on 1/19/2004, (4 pgs.).		
A52	INVASIVE - Cardiolmage Fluoroscopy Image Management System, GE Medical Systems, printed from website www.gemedicalsystem.com/cardiology/invasive/electro_lab/cardioimag... on 1/26/2004, (1 pg.).		
A53	Maximum Access To Patient Data, Heartlab, printed from website www.heartlab.com/benefits_access.htm on 1/27/2004, (1 pg.).		
A54	Superior Performance, System Stability And On-Going Maintainability, Heartlab, printed from website www.heartlab.com/benefits_performance.htm on 1/27/2004, (1 pg.).		
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A56	Ease of Use, Heartlab, printed from website www.heartlab.com/benefits_simplicity.htm on 1/27/2004, (1 pg.).
A57	System Flexibility For Long-Term Protection of Your Technology Investment, Heartlab, printed from website www.heartlab.com/benefits_flexibility.htm on 1/27/2004, (1 pg.).
A58	Encompass: Not just a system – a solution, Heartlab, printed from website www.heartlab.com/products_0.htm on 1/27/2004, (11 pgs.).
A59	St. Francis Medical Center, Heartlab, printed from website www.heartlab.com/casestudies_3.htm on 1/27/2004, (4 pgs.).
A60	University of Chicago and Heartlab Forge Clinical Cooperation Agreement for Encompass System Enhancements, Heartlab, dated August 21, 2001, (2 pgs.).
A61	Actuality Systems – Photographs, Actuality Systems, copyright date: 2001, printed from website www.actuality-systems.com/photographs.php3 on 11/25/2003, (3 pgs.).
A62	Welcome to SeeReal Technologies GmbH, SeeReal Technologies, copyright date: 2003, printed from website www.seereal.com/default.en.htm on 2/17/2004, (1 pg.).
A63	Autostereoscopic 3D Display in Laparoscopic Surgery, University of Cambridge, Cambridge, United Kingdom, presented at CAR '95, Berlin, 21-24 June, 1995, printed from website www.cl.cam.ac.uk/users/nad/car95_paper.html on 2/16/2004, (1 pg.).
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A65	SeeReal Technologies – Areas of Use, SeeReal Technologies, copyright date: 2003, printed from website www.seereal.com/EN/use.en.htm on 2/16/2004, (1 pg.).
A66	K. Rademacher, C.V. Pichler, S. Fischer, G. Rau, 3D-Visualisation in Surgery, Helmholtz-Institute for Biomedical Engineering, Aachen University of Technology, Aachen, 1998, (6 pgs.).
A67	Siemens and X3D unveil the first Extreme 3D Display for medical application, Virtual Medical Worlds Monthly, dated Oct. 22, 2003, printed from website www.hoise.com/vmw/03/articles/vmw?LV-VM-11-03-27.html on 2/16/2004, (2 pgs.).
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A69	Gregg Favalora and Cameron Lewis, Spatial 3D: The End of Flat-Screen Thinking, Actuality Systems, Inc., July, 2003, (9 pgs.).
A70	CALYSTO™ for Cardiology – Overview, WITT BIOMEDICAL, printed from website www.wittbiomedical.com/products.cfm?seclD=1 on 4/1/2004, 1 page.

EXAMINER /Katherine Fernandez/	DATE CONSIDERED 04/01/2011
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